



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

## \*BIBDATASHEET\*

CONFIRMATION NO. 72

Bib Data Sheet

SERIAL NUMBER 10/671,970	FILING DATE 09/26/2003  RULE	CLASS 428	GROUP ART UNIT 1773	ATTORNEY DOCKE NO. 9281-4655
-----------------------------	---------------------------------------	--------------	------------------------	------------------------------------

## APPLICANTS

Naoya Hasegawa, Niigata-ken, JAPAN;

Eiji Umetsu, Niigata-ken, JAPAN;

Masamichi Saito, Niigata-ken, JAPAN; Yosuke Ide, Niigata-ken, JAPAN;

\*\* CONTINUING DATA \*\*\*\*\*

*None*

\*\* FOREIGN APPLICATIONS \*\*\*\*\*

JAPAN 2002-293365 10/07/2002 ✓

JAPAN 2003-048727 02/26/2003 ✓

*4/22/05*

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 12/16/2003

Foreign Priority claimed 35 USC 119 (a-d) conditions met Verified and Acknowledged	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance <i>4/22/05</i> Examiner's Signature Initials	STATE OR COUNTRY JAPAN	SHEETS DRAWING 20	TOTAL CLAIMS 16	INDEPENDEN CLAIMS 1
--	--	------------------------------	-------------------------	-----------------------	---------------------------

## ADDRESS

Brinks Hofer Gilson & Lione  
 P.O. Box 10395  
 Chicago, IL  
 60610

## TITLE

Magnetic sensor having free layer additionally provided with magnetic anisotropy by shape anisotropy

FILING FEE  RECEIVED 750	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
-----------------------------------	---	---